TASK-3



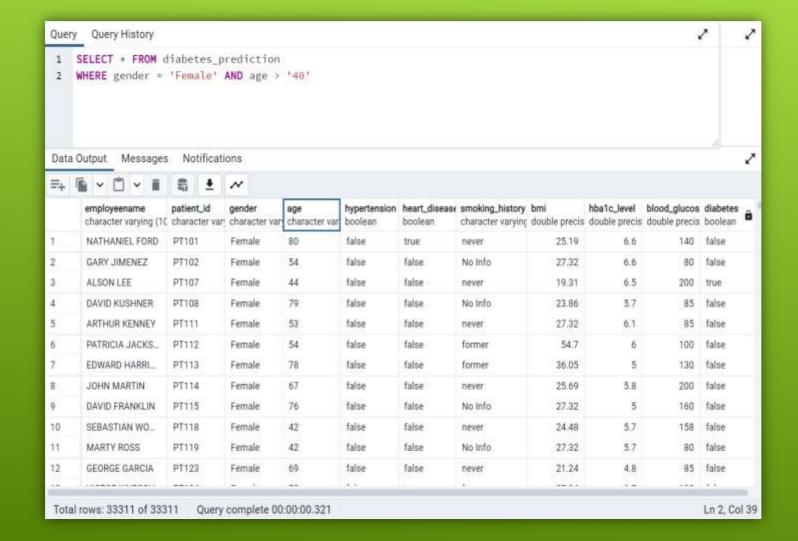
DIABETES PREDICTION ANALYSIS

Retrieve the Patient_id and ages of all patients.

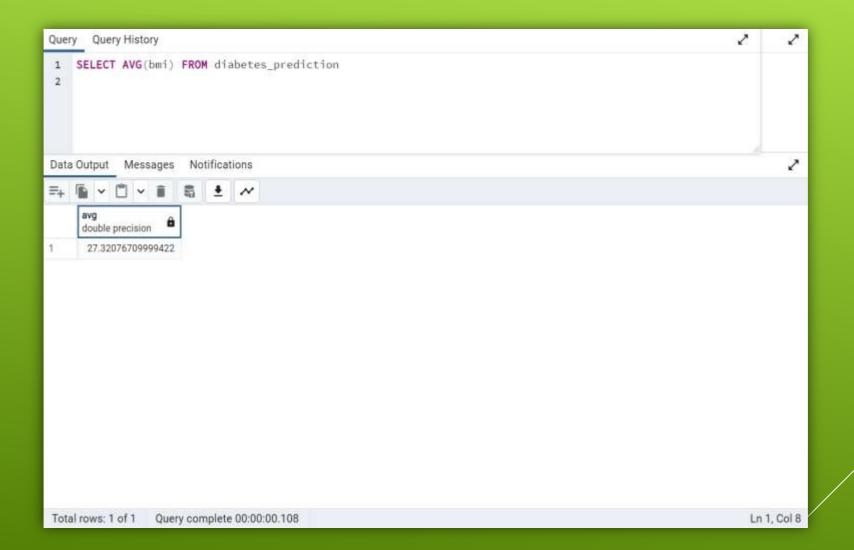
Query History Query SELECT patient_id, age from diabetes_prediction 3 Notifications Messages Data Output patient_id character varying (100) character varying (10) PT101 PT102 PT103 28 PT104 36 PT105 76 Total rows: 1000 of 100000 Query complete 00:00:00.108



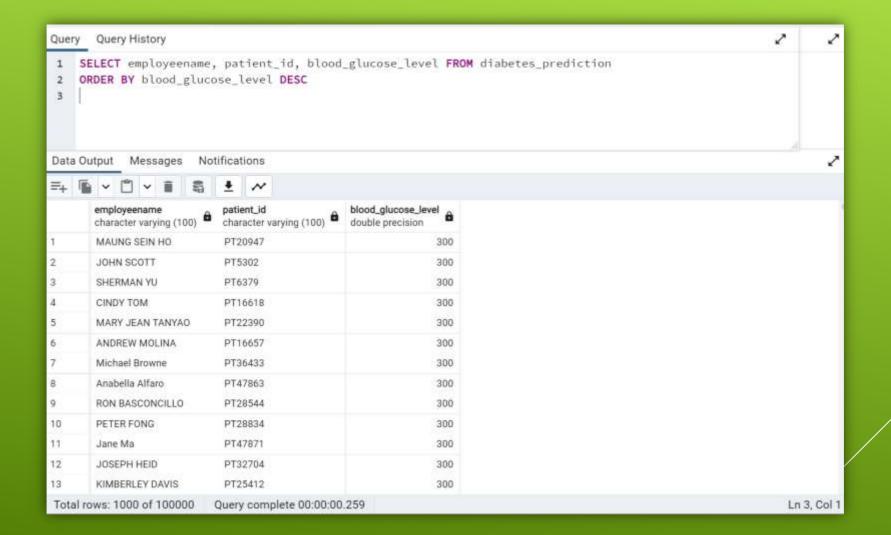
Select all female patients who are older than 40.



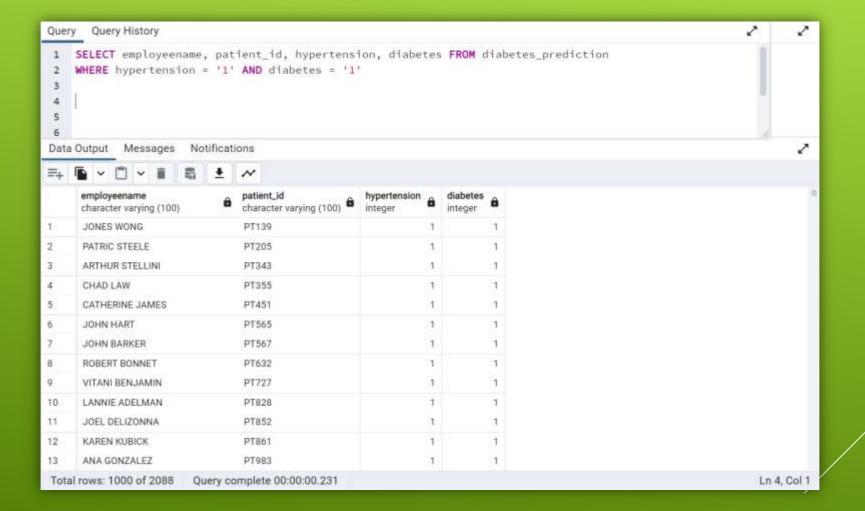
Calculate the average BMI of patients.



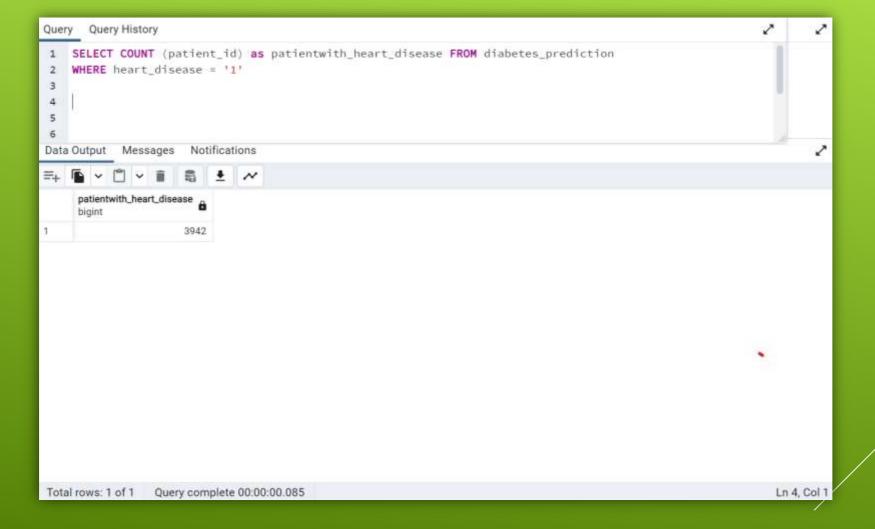
List patients in descending order of blood glucose levels.



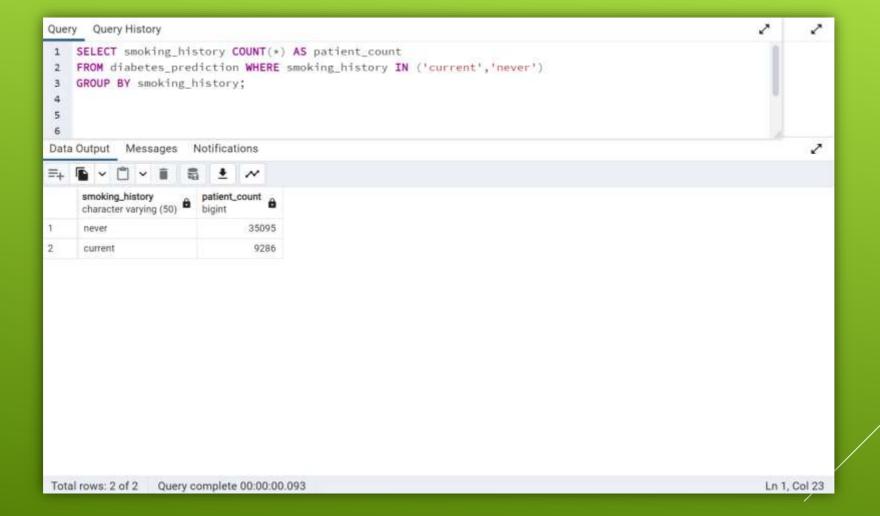
Find patients who have hypertension and diabetes.



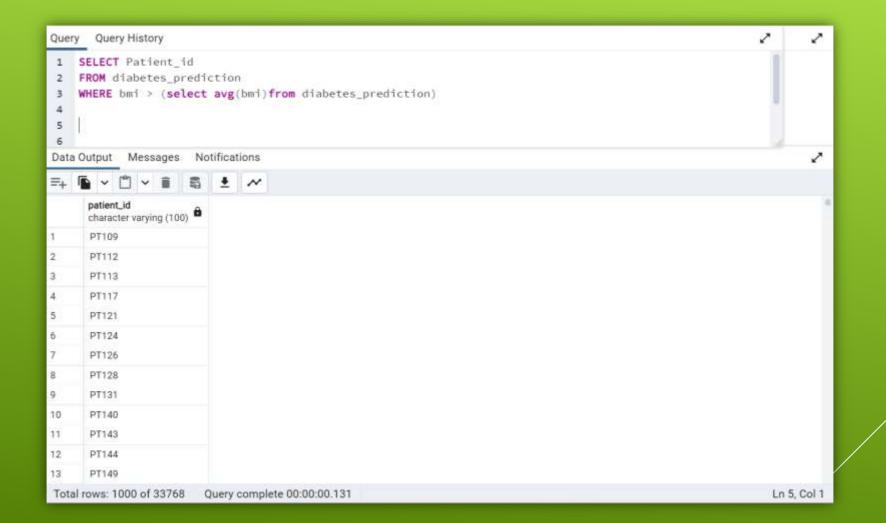
Determine the number of patients with heart disease.



Group patients by smoking history and count how many smokers and nonsmokers there are.

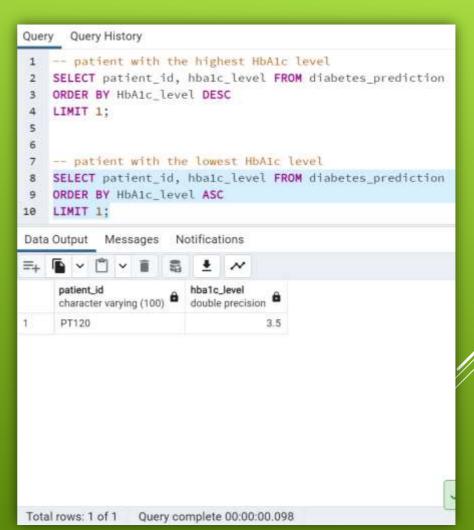


Retrieve the Patient_ids of patients who have a BMI greater than the average BMI.

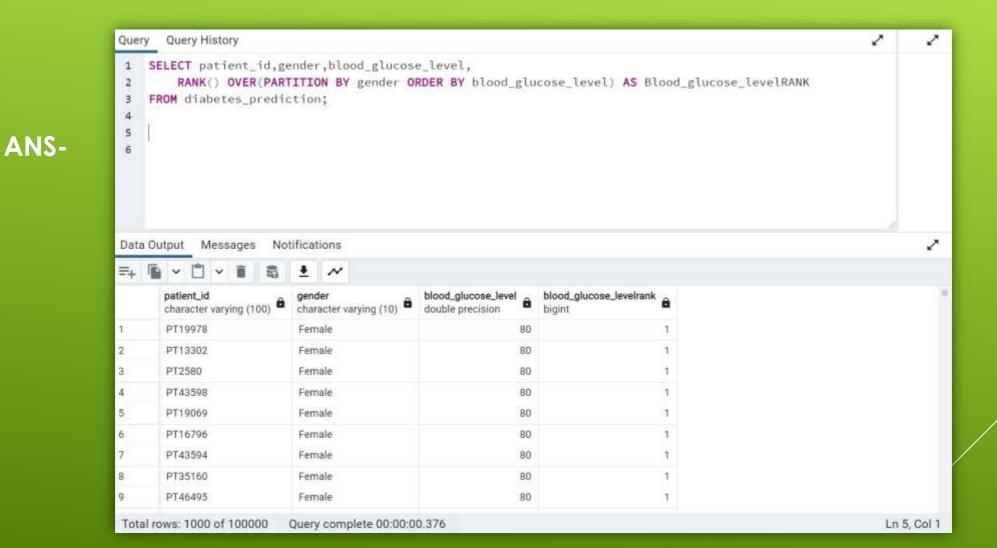


Find the patient with the highest HbA1c level and the patient with the lowest HbA1c level.

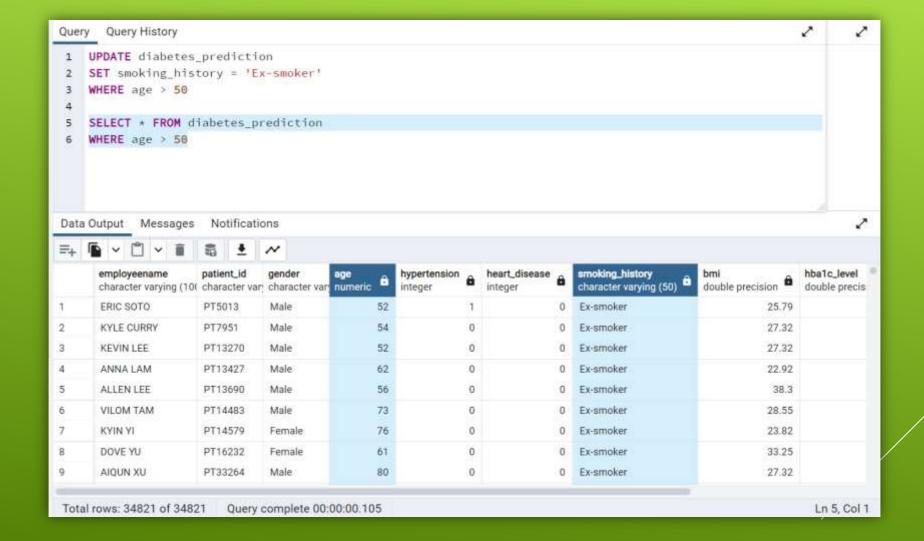




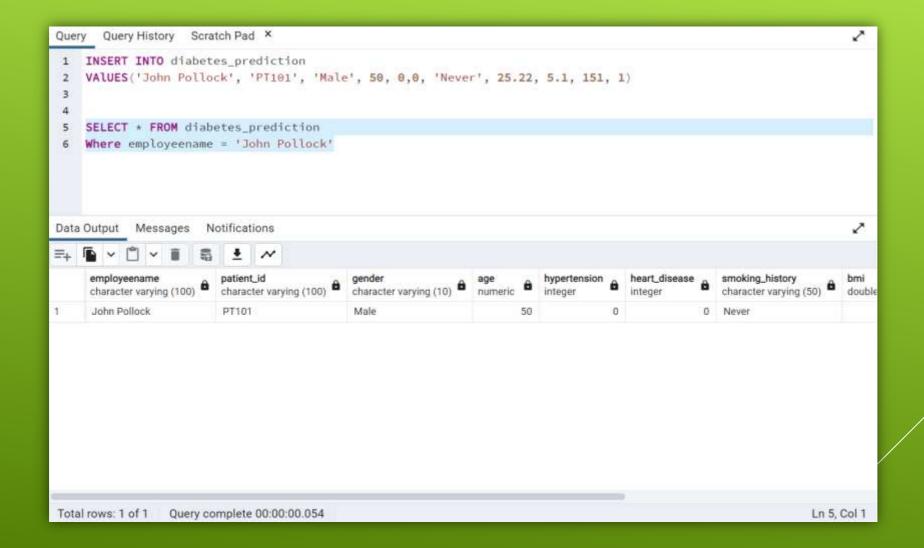
Rank patients by blood glucose level within each gender group.



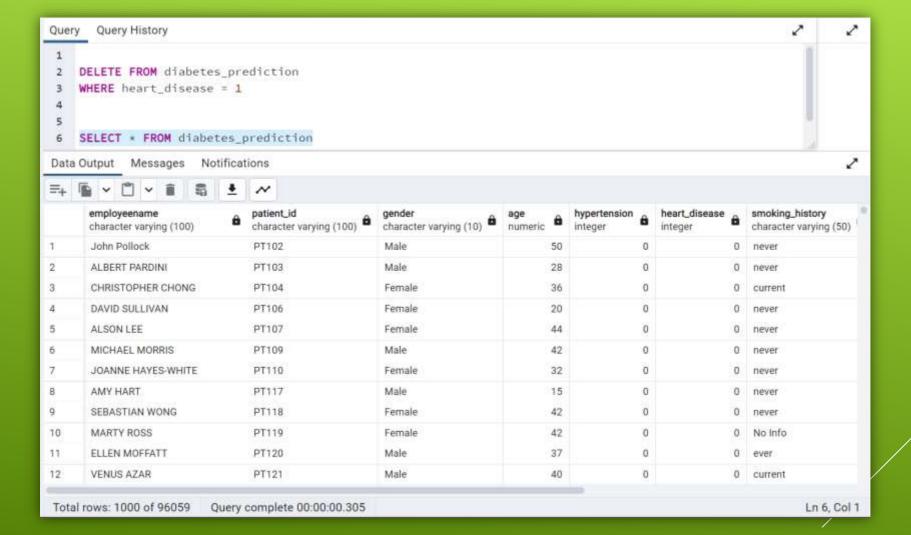
Update the smoking history of patients who are older than 50 to "Exsmoker."



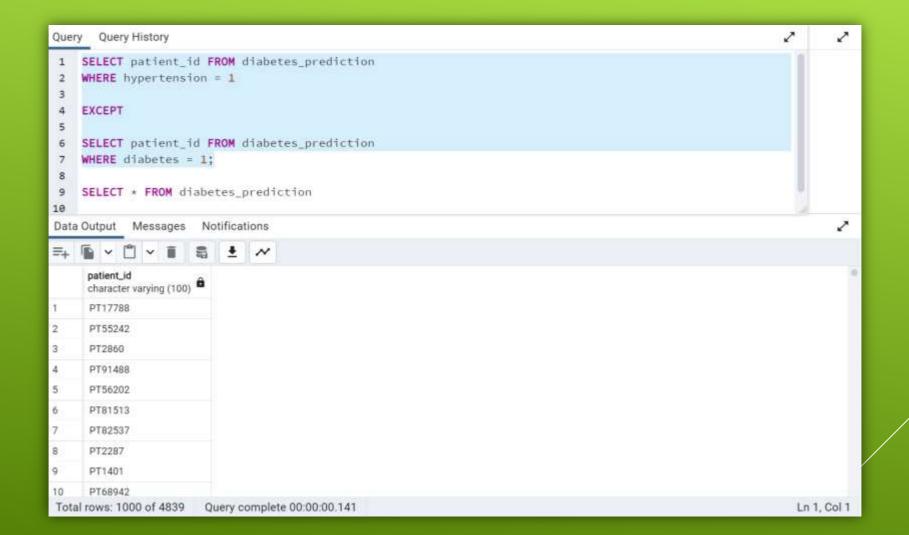
Insert a new patient into the database with sample data.



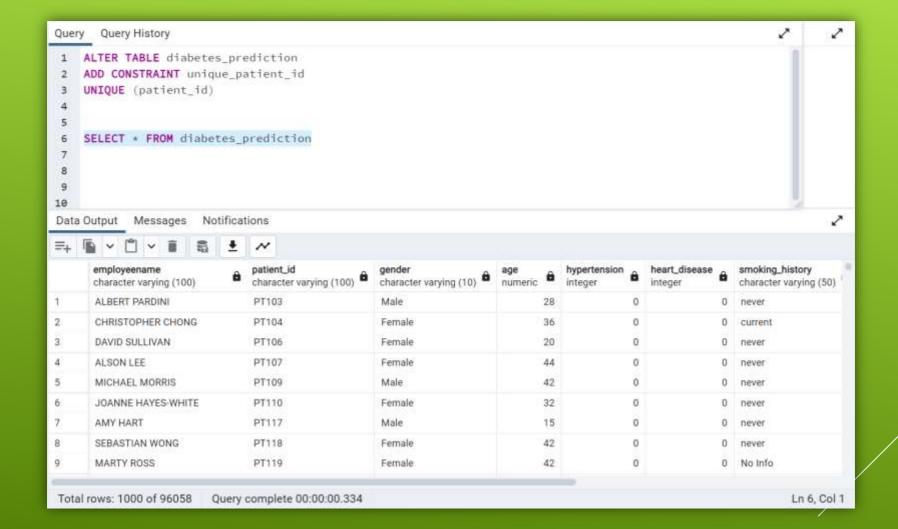
Delete all patients with heart disease from the database.



Find patients who have hypertension but not diabetes using the EXCEPT operator

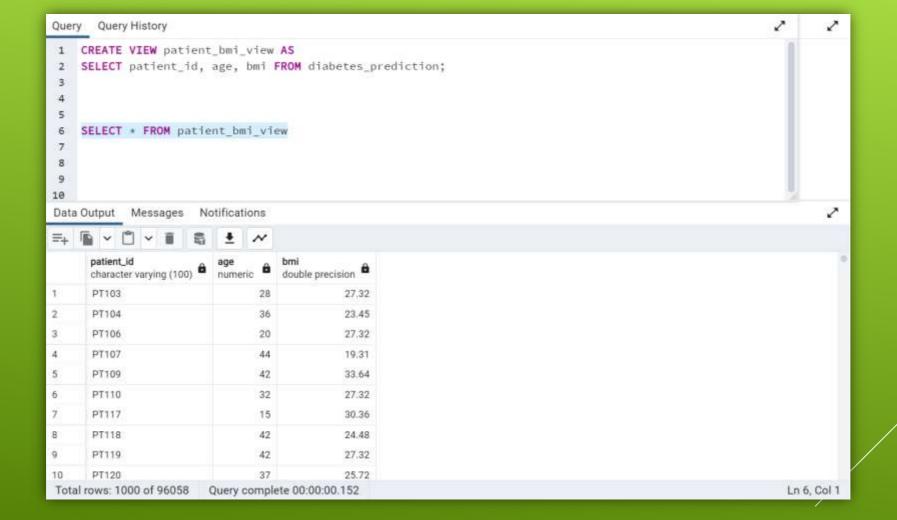


Define a unique constraint on the "patient_id" column to ensure its values are unique.



Create a view that displays the Patient_ids, ages, and BMI of patients.





THANK YOU

Atharva Patil